

DOCKET NO.: MSFT-0508 (37457 1)
Application No.: 09/235,038
Office Action Dated: June 5, 2003

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This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A computer system, comprising:
- ~~a first program to manipulate a database item;~~
 - a database having ~~the~~ a database item, wherein the database item comprises a text stream and a binary stream;
 - a source code control (SCC) system to store versions of the database item; and
 - a second program to check in and check out the database item, such that modification of the database item is restricted when the database item is checked out, the second program compares the version of the database item in the source code control (SCC) system with the version of the database item in the database; and
 - a first program to manipulate the checked-out database item as a function of the comparison.
2. (Currently Amended) The computer system of claim 1, wherein the first program comprises an editor program to edit the stored database item.
3. (Currently Amended) The computer system of claim 1, wherein the first program requests to check out the database item such that the second program checks out the database item to the first program.

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4. (Currently Amended) The computer system of claim 3, wherein the second program provides the first program a choice of one or more different versions of the database item at the source code control (SCC) system and one or more different versions of the database item at the database.

5. (Currently Amended) The computer system of claim 4, wherein the version of the database item at the source code control (SCC) system is identical to the version of the database item at the database.

6. (Currently Amended) The computer system of claim 4, wherein the version of the database item at the source code control (SCC) system is different than the version of the database item at the database.

7. (Currently Amended) The computer system of claim 1, wherein the first program requests to check in the database item such that the second program checks in the database item into the source code control (SCC) system.

8. (Currently Amended) The computer system of claim 7, wherein the second program checks in the database item into the source code control (SCC) system as saved to the database.

10. (Previously Presented) A computer-implemented method to check out a database item from a source code control (SCC) system, comprising:

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comparing a stream of the database item in the source code control (SCC) system with a stream of the database item in a database; determining whether the stream of the database item in the source code control (SCC) system is identical to the stream of the database item in the database; upon determining that the stream of the database item in the source code control (SCC) system is different than the stream of the database item in the database, providing a user a choice to select one of the stream of the database item in the source code control (SCC) system and the stream of the database item in the database; and checking out the database item selected by the user, such that modification of the database item is restricted when the database item is checked out.

11. (Previously Presented) The computer-implemented method of claim 10, further comprising, prior to comparing:

retrieving the stream of the database item from the source code control (SCC) system; and

retrieving the stream of the database item from the database.

12. (Previously Presented) The computer-implemented method of claim 10, wherein upon the user selecting the stream of the database item in the source code control (SCC) system, saving the stream of the database item in the SCC system as the stream of the database item in the database.

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13. (Previously Presented) A computer-implemented method to check in a database item into a source code control (SCC) system comprising:

- retrieving a stream of the database item from a database; and
- saving the stream of the database item in the database as the stream of the database item in the SCC system.

14. (Previously Presented) The computer-implemented method of claim 13, further comprising prior to retrieving, saving the stream of the database item to the database.

15. (Previously Presented) A computer-readable medium having instructions stored thereon for execution by a computer to perform a method, comprising:

- comparing a stream of a database item in the source code control (SCC) system with a stream of the database item in a database;
- determining whether the stream of the database item in the source code control (SCC) system is identical to the stream of the database item in the database;
- upon determining that the stream of the database item in the source code control (SCC) system is different than the stream of the database item in the database, providing a user a choice to select one of the stream of the database item in the source code control (SCC) system and the stream of the database item in the database;
- checking out the database item selected by the user; and
- upon the user selecting the stream of the database item in the source code control (SCC) system, saving the stream of the database item in the source code control (SCC) system as the stream of the database item in the database.

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16. (Previously Presented) The computer-readable medium of claim 15, the method further comprising prior to comparing:

retrieving the stream of the database item from the source code control (SCC) system; and

retrieving the stream of the database item from the database.

17. (Previously Presented) The computer-readable medium of claim 15, the method further comprising:

retrieving a stream of the database item from a database; and

saving the stream of the database item in the database as the stream of the database item in the source code control (SCC) system.

18. (Previously Presented) The computer-readable medium of claim 17, the method further comprising prior to retrieving, saving the stream of the database item to the database.

19. (Currently Amended) A computer system for providing version control over at least one item in a database while keeping the database operable, comprising:

a source code control (SCC) system to store versions of the database item;

a first program to check in and check out the database item, such that modification of the item is restricted when the item is checked out; and

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a database having the database item, wherein the database invokes the first program upon receiving a request to access the database item, and the database continues to provide the requested access to the database item during the invocation of the first program; and

an editor to manipulate the checked-out database item, the first program compares the version of the database item in the source code control (SCC) system with the version of the database item in the database, and the editor manipulates the database item as a function of the comparison.

20. (Canceled).

21. (Currently Amended) The computer system of claim 19, wherein the database requests to check out the database item such that the first program checks out the database item.

22. (Currently Amended) The computer system of claim 19, wherein the first program provides the database a choice of one or more different versions of the database item at the source code control (SCC) system.